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#42 Collection #42 Tracking/Designated Lineages Fastest 100 Plus Recent Designations

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This collection keeps track of recent designated lineages - daily updated

Suggested baseline (6 Dec 2023):  
JN.1\* (Nextclade)

This collection was last updated at Sat 18 May 2024 14:03 UTC.

Variants

World

Past 6 months

from2023-11-20to2024-05-13

Baseline: You can select a baseline variant to compare the variants in the collection against that variant. Currently, the baseline variant is XBB.1.5\* (Nextclade).

xbb.1.5\* (Nextclade) x

☐ Advanced search

Select baseline

only

TABLESEQUENCES OVER TIME

MUTATIONS

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	Name	Query	Number sequences	Submitted in past 10 days	Relative growth advant... ↓	CI (low)	CI (high)	Description
★	<a href="#">KP.2.11 (JN.1.11.1.2.11; BA.2.86.1.1.11.1.2.11)</a>	KP.2* (Nextclade) + S:F56V, ORF1a:T2093I	43	4	217.84%	101.56%	334.13%	S:F56V ORF1a:T2093I N
★	<a href="#">KP.2.6 (JN.1.11.1.2.6; BA.2.86.1.1.11.1.2.6)</a>	KP.2* (Nextclade) + S:W64R	8	1	206.63%	0.15%	413.10%	S:W64R
★	<a href="#">LB.1 (JN.1.9.2.1; BA.2.86.1.1.9.2.1) with S:S31del</a>	JN.1* (Nextclade) + S:Q183H, S:R346T, S:F456L, S:S31-	235	98	188.88%	130.49%	247.27%	S:S31del
★	<a href="#">Multilineage JN.1 Spike with S:S31del, S:R346T, S:F456L</a>	C22916T, T22917G, T22926C + S:S31-, S:R346T, S:F456L	507	194	183.47%	139.72%	227.22%	S:R346T S:F456L S:S31
★	<a href="#">KP.2.12 (JN.1.11.1.2.12; BA.2.86.1.1.11.1.2.12)</a>	KP.2* (Nextclade) + G25088T + S:V1176F	41	32	183.39%	94.67%	272.11%	

Chat

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★	<a href="#">KP.3 (JN.1.11.1.2; BA.2.86.1.1.11.1.3)</a>	KP.3* (Nextclade)	1 332	474	182.24%	149.90%	214.58%	S:Q493E
★	<a href="#">KP.3.2 (JN.1.11.1.3.2; BA.2.86.1.1.11.1.3.2)</a>	KP.3* (Nextclade) + A2611C, C22858T	400	146	179.12%	134.08%	224.17%	A2611C C22858T
★	<a href="#">KP.1.1.1 (JN.1.11.1.1.1.1; BA.2.86.1.1.11.1.1.1.1)</a>	KP.1.1.1*	251	85	177.93%	131.93%	223.93%	S:K182N
★	<a href="#">LB.1 (JN.1.9.2.1; BA.2.86.1.1.9.2.1)</a>	JN.1* (Nextclade) + S:Q183H, S:R346T, S:F456L	277	119	173.34%	126.79%	219.89%	S:F456L
★	<a href="#">KP.2.13 (JN.1.11.1.2.13; BA.2.86.1.1.11.1.2.13)</a>	KP.2* (Nextclade) + C9565T, C24553T + S:K478E, N:P6T	8	6	171.76%	26.17%	317.34%	C9565T C24553T S:K478E
★	<a href="#">KP.2 (JN.1.11.1.2; BA.2.86.1.1.11.1.2)</a>	KP.2*	2 233	611	171.75%	150.05%	193.45%	S:R346T
★	<a href="#">KP.2.10 (JN.1.11.1.2.10; BA.2.86.1.1.11.1.2.10)</a>	KP.2* (Nextclade) + S:F59S	28	2	170.51%	80.83%	260.18%	S:F59S
★	<a href="#">JN.1.50 (BA.2.86.1.1.50)</a>	JN.1* (Nextclade) + S:H445P, S:F456L, S:A67V, S:L249F	17	11	163.79%	57.17%	270.41%	S:H445P S:F456L S:A67V
★	<a href="#">KP.2.2 (JN.1.11.1.2.2; BA.2.86.1.1.11.1.2.2)</a>	KP.2.2*	101	43	163.74%	110.73%	216.74%	S:F59L S:K1266R
★	<a href="#">KP.2.9 (JN.1.11.1.2.9; BA.2.86.1.1.11.1.2.9)</a>	KP.2* (Nextclade) + S:T572I	24	10	163.38%	77.71%	249.04%	S:T572I
★	<a href="#">KP.3.1 (JN.1.11.1.3.1; BA.2.86.1.1.11.1.3.1)</a>	KP.3* (Nextclade) + G15372T, A19722G	508	194	162.30%	128.81%	195.79%	G15372T A19722G
★	<a href="#">KP.2.3.1 (JN.1.11.1.2.3.1; BA.2.86.1.1.11.1.2.3.1)</a>	JN.1.11.1* (Nextclade) + S:F456L, S:H146Q, ORF3a:K67N, S:A475V	6	1	159.58%	21.42%	297.74%	S:A475V
★	<a href="#">KP.3.3 (JN.1.11.1.3.3; BA.2.86.1.1.11.1.3.3)</a>	KP.3* (Nextclade) + N:G204P	141	45	157.81%	113.37%	202.26%	N:G204P
★	<a href="#">KS.1 (JN.1.13.1.1; BA.2.86.1.1.13.1.1)</a>	KS.1*	409	103	155.61%	125.55%	185.67%	S:F456L
	<a href="#">XDV.1</a>	C1170T, C6501A, T22926C, C11572T, T22930A	113	50	155.32%	109.78%	200.86%	C11572T S:F456L via T22930A
★	<a href="#">KP.2.3 (JN.1.11.1.2.3; BA.2.86.1.1.11.1.2.3)</a>	JN.1.11.1* (Nextclade) + S:F456L, S:H146Q, ORF3a:K67N	208	62	155.27%	116.29%	194.25%	S:H146Q ORF3a:K67N
★	<a href="#">KP.1.1 (JN.1.11.1.1.1; BA.2.86.1.1.11.1.1.1)</a>	KP.1.1*	829	184	150.08%	127.83%	172.33%	S:R346T
★	<a href="#">Multilineage JN.1 Spike with S:R346T and S:F456L</a>	C22916T, T22917G, T22926C + S:R346T, S:F456L	5 317	1 387	145.80%	133.31%	158.29%	S:R346T S:F456L
★	<a href="#">LD.1 (JN.1.48.1.1; BA.2.86.1.1.48.1.1)</a>	JN.1* (Nextclade) + T18471C, G29134T + ORF3a:A99V, S:S60P, S:R346T, S:F456L, S:T572I	8	2	145.54%	42.49%	248.60%	S:T572I
★	<a href="#">Multilineage JN.1 Spike with S:R346I and S:F456L</a>	C22916T, T22917G, T22926C + S:R346I, S:F456L	109	33	144.21%	104.97%	183.44%	S:R346I S:F456L
★	<a href="#">LA.2 (JN.1.16.2.2; BA.2.86.1.1.16.2.2)</a>	JN.1.16* (Nextclade) + C4777T + S:R346I	102	30	143.45%	103.28%	183.63%	S:R346I
★	<a href="#">KP.2.1 (JN.1.11.1.2.1; BA.2.86.1.1.11.1.2.1)</a>	KP.2.1*	74	25	142.65%	100.35%	184.95%	S:Q1201K
★	<a href="#">JN.1.1.8 (BA.2.86.1.1.1.8)</a>	JN.1.1* (Nextclade) + C850T, T22930A + S:H445P, ORF1a:S2083I	47	5	138.67%	93.50%	183.84%	C850T S:F456L via T22930A NSP3:S1265I
★	<a href="#">JN.1.48.1 (BA.2.86.1.1.48.1)</a>	JN.1* (Nextclade) + T18471C, G29134T + ORF3a:A99V, S:S60P, S:R346T, S:F456L	44	12	138.22%	91.82%	184.61%	ORF3a:A99V S:S60P S:F456L
★	<a href="#">LA.1 (JN.1.16.2.1; BA.2.86.1.1.16.2.1)</a>	JN.1* (Nextclade) + C4777T + S:R346T, S:F456L	110	24	137.32%	104.03%	170.61%	S:R346T

★	<a href="#">KP.2.7 (JN.1.11.1.2.7; BA.2.86.1.1.11.1.2.7)</a>	KP.2* (Nextclade) + S:S31F	44	12	135.31%	89.76%	180.86%	S:S31F
★	<a href="#">JQ.2.1.1 (BA.2.86.3.2.1.1)</a>	BA.2.86.3* (Nextclade) + G2944A + S:R346T, S:L455S, S:F456L	2	0	131.61%	-12.35%	275.58%	S:F456L
★	<a href="#">KW.1.1 (JN.1.28.1.1.1; BA.2.86.1.1.28.1.1.1)</a>	KW.1.1* (Nextclade)	311	121	129.13%	106.76%	151.49%	S:F456L ORF1b:R2009K
★	<a href="#">Multilineage JN.1 Spike with S:R346T, S:F456L, and S:T572I</a>	C22916T, T22917G, T22926C + S:R346T, S:F456L, S:T572I	83	27	128.72%	94.25%	163.20%	S:R346T S:F456L S:T572I
★	<a href="#">KP.2.8 (JN.1.11.1.2.8; BA.2.86.1.1.11.1.2.8)</a>	KP.2* (Nextclade) + S:S60P	11	1	128.59%	61.00%	196.18%	S:S60P
★	<a href="#">JN.1.16.2 (BA.2.86.1.1.16.2)</a>	JN.1.16* (Nextclade) + C4777T	266	57	125.81%	104.62%	147.00%	C4777T
★	<a href="#">Multilineage JN.1 Spike with S:S31del and S:R346T</a>	C22916T, T22917G, T22926C + S:S31-, S:R346T	603	205	125.26%	106.92%	143.60%	S:R346T S:S31del
★	<a href="#">KP.4.2.1 (JN.1.11.1.4.2.1; BA.2.86.1.1.11.1.4.2.1)</a>	JN.1.11.1* (Nextclade) + C6070T + S:R346T, S:K187R, S:S31F	8	2	123.91%	52.69%	195.13%	S:S31F
★	<a href="#">KP.1.1.2 (JN.1.11.1.1.1.2; BA.2.86.1.1.11.1.1.1.2)</a>	KP.1.1* (Nextclade) + T2152C + S:P1162S	25	1	123.73%	79.81%	167.66%	T2152C S:P1162S
★	<a href="#">KZ.1.1.1 (JN.1.1.6.1.1.1; BA.2.86.1.1.1.6.1.1.1)</a>	JN.1* (Nextclade) + T22928C, C1762A, C11747T + ORF1b:V1092F, S:R346T, S:T572I	22	2	123.56%	75.36%	171.76%	S:T572I
★	<a href="#">JN.1.39.1 (BA.2.86.1.1.39.1)</a>	JN.1* (Nextclade) + G2782T, C21034T, T25631C, A16011G, T6913C + S:R346T, S:F456L	52	15	123.00%	88.54%	157.46%	C21034T T25631C A16011G
★	<a href="#">Multilineage JN.1 Spike with S:R346T and S:F456V</a>	C22916T, T22917G, T22926C + S:R346T, S:F456V	150	32	122.51%	98.80%	146.22%	S:R346T S:F456V
★	<a href="#">JN.1.18.2 (BA.2.86.1.1.18.2)</a>	JN.1.18.2*	126	10	122.31%	98.40%	146.21%	S:F59S
★	<a href="#">KP.4.1 (JN.1.11.1.4.1; BA.2.86.1.1.11.1.4.1)</a>	JN.1.11.1* (Nextclade) + C6070T, C19884T + S:R346T	165	27	119.46%	97.26%	141.66%	C19884T S:R346T
★	<a href="#">KW.1.1.1 (JN.1.28.1.1.1.1; BA.2.86.1.1.28.1.1.1.1)</a>	KW.1.1* (Nextclade) + S:T95S	27	13	117.08%	75.42%	158.73%	S:T95S
★	<a href="#">KP.2.5 (JN.1.11.1.2.5; BA.2.86.1.1.11.1.2.5)</a>	KP.2* (Nextclade) + S:N185D	19	6	116.36%	71.24%	161.48%	S:N185D
★	<a href="#">KP.4 (JN.1.11.1.4; BA.2.86.1.1.11.1.4)</a>	JN.1.11.1* (Nextclade) + C6070T	321	66	116.30%	99.49%	133.12%	C6070T
★	<a href="#">KP.1.2 (JN.1.11.1.1.2; BA.2.86.1.1.11.1.1.2)</a>	JN.1.11.1* (Nextclade) + S:K1086R, S:T572I	51	22	115.83%	83.48%	148.19%	S:T572I
★	<a href="#">JN.1.7.4 (BA.2.86.1.1.7.4)</a>	JN.1.7* (Nextclade) + T22928C	69	11	115.16%	87.56%	142.76%	S:F456L via T22928C
★	<a href="#">JN.1.9.2 (BA.2.86.1.1.9.2)</a>	JN.1* (Nextclade) + S:Q183H, S:R346T	302	120	112.02%	94.06%	129.98%	S:R346T
★	<a href="#">JN.1.16.1 (BA.2.86.1.1.16.1)</a>	JN.1.16.1*	768	186	111.58%	99.23%	123.92%	S:R346T
★	<a href="#">KU.2 (JN.1.30.1.2; BA.2.86.1.1.30.1.2)</a>	KU.2*	63	11	111.00%	85.80%	136.20%	S:F456L
★	<a href="#">KP.4.2 (JN.1.11.1.4.2; BA.2.86.1.1.11.1.4.2)</a>	JN.1.11.1* (Nextclade) + C6070T + S:R346T, S:K187R	98	24	109.96%	88.46%	131.45%	S:R346T S:K187R
★	<a href="#">LF.1 (JN.1.16.1.1; BA.2.86.1.1.16.1.1)</a>	JN.1.16.1* (Nextclade) + ORF1a:A1268T, ORF1a:S2103F	121	23	109.86%	89.33%	130.39%	ORF1a:A1268T NSP3:A4
★	<a href="#">XDQ.1</a>	XDQ.1*	724	89	109.75%	99.31%	120.20%	S:A475V
★	<a href="#">KP.1 (JN.1.11.1.1; BA.2.86.1.1.11.1.1)</a>	KP.1*	1 121	237	109.65%	99.23%	120.08%	S:K1086R
★	<a href="#">XDQ.1.1</a>	XDQ.1* (Nextclade) + C1594T + S:S60P	43	7	109.35%	81.81%	136.88%	C1594T S:S60P
★	<a href="#">KP.2.4 (JN.1.11.1.2.4; BA.2.86.1.1.11.1.2.4)</a>	KP.2* (Nextclade) + S:T250N	11	2	105.72%	60.49%	150.95%	S:T250N

★	<a href="#">KZ.1.1 (JN.1.1.6.1.1; BA.2.86.1.1.6.1.1)</a>	JN.1* (Nextclade) + T22928C, C1762A, C11747T + ORF1b:V1092F, S:R346T	39	2	100.54%	75.55%	125.54%	S:R346T
★	<a href="#">LG.1 (KW.1.1.1.1.1; JN.1.28.1.1.1.1.1; BA.2.86.1.1.28.1.1.1.1.1)</a>	KW.1.1* (Nextclade) + S:T95S, S:R346T	12	7	99.63%	59.84%	139.41%	S:R346T
★	<a href="#">KP.5 (JN.1.11.1.5; BA.2.86.1.1.11.1.5)</a>	JN.1.11.1* (Nextclade) + C1377C, A1461A, A2745A, C5724C, C6070C, G9010G, T15513T, C15579C, G18891G, C19895C, A24819A, A28492A + S:T572I	36	9	99.45%	73.44%	125.47%	S:T572I
★	<a href="#">XDK.1.2</a>	XDK.1* (Nextclade) + S:F456L	10	4	97.91%	56.93%	138.89%	S:F456L
★	<a href="#">KQ.1 (JN.1.4.3.1; BA.2.86.1.1.4.3.1)</a>	JN.1.4.3* (Nextclade) + S:R346T	521	27	95.88%	86.80%	104.97%	S:R346T
★	<a href="#">LE.2 (JN.1.4.7.2; BA.2.86.1.1.4.7.2)</a>	JN.1.4.7* (Nextclade) + C7423T + S:R346S	9	0	95.66%	55.97%	135.35%	C7423T S:R346S
★	<a href="#">JN.1.49.2 (BA.2.86.1.1.49.2)</a>	JN.1* (Nextclade) + G2782G, C25566C, C774C, A29086A, C1762C, A12928A + ORF3a:T89I, S:F456L	20	10	95.30%	65.54%	125.06%	S:F456L
	<a href="#">XDQ</a>	XDQ* (Nextclade)	1 582	127	94.87%	88.59%	101.15%	BA.2.86.1/FL.15.1.1 reco
★	<a href="#">LE.1.1 (JN.1.4.7.1.1; BA.2.86.1.1.4.7.1.1)</a>	JN.1.4.7* (Nextclade) + S:R346T, S:F456V	18	4	93.70%	64.29%	123.12%	S:F456V
★	<a href="#">Sequences with Slip (S:L455S and S:F456L)</a>	S:L455S, S:F456L	11 488	2 879	93.19%	89.05%	97.33%	S:L455S S:F456L
★	<a href="#">JN.1.39.3 (BA.2.86.1.1.39.3)</a>	JN.1* (Nextclade) + G2782T, C5512T + S:A67V	293	41	92.66%	82.69%	102.62%	C5512T S:A67V Redesign
★	<a href="#">JN.1.11.1 (BA.2.86.1.1.11.1)</a>	JN.1.11.1* (Nextclade)	6 097	1 609	90.57%	85.85%	95.28%	S:F456L
★	<a href="#">LF.1.1 (JN.1.16.1.1.1; BA.2.86.1.1.16.1.1.1)</a>	JN.1.16.1* (Nextclade) + ORF1a:A1268T, ORF1a:S2103F, S:P1263L	25	3	89.25%	65.81%	112.69%	S:P1263L
★	<a href="#">JN.1.13.1 (BA.2.86.1.1.13.1)</a>	JN.1.13.1*	1 612	178	88.07%	82.29%	93.86%	S:R346T S:F59S
★	<a href="#">JN.1.16 (BA.2.86.1.1.16)</a>	JN.1.16* (Nextclade)	3 341	750	87.46%	82.55%	92.37%	S:F456L
★	<a href="#">JN.1.7.2 (BA.2.86.1.1.7.2)</a>	JN.1.7.2*	639	49	86.15%	79.22%	93.08%	ORF1b:C1563F NSP14:CO
	<a href="#">XDV</a>	C1170T, C6501A, T22926C	148	57	85.50%	73.27%	97.72%	XDE/JN.1 recombinant
★	<a href="#">JN.1.13 (BA.2.86.1.1.13)</a>	JN.1.13* (Nextclade)	1 740	208	85.01%	79.69%	90.34%	S:A1087S
★	<a href="#">JN.1.4.3 (BA.2.86.1.1.4.3)</a>	JN.1.4.3* (Nextclade)	772	44	83.52%	77.20%	89.84%	S:T572I
★	<a href="#">LE.1.2 (JN.1.4.7.1.2; BA.2.86.1.1.4.7.1.2)</a>	JN.1.4.7* (Nextclade) + S:R346T, S:K304N	16	4	83.46%	58.93%	108.00%	S:K304N
★	<a href="#">JN.1.7.1 (BA.2.86.1.1.7.1)</a>	JN.1.7.1*	127	18	83.28%	71.51%	95.04%	S:R346K
★	<a href="#">JN.1.11 (BA.2.86.1.1.11)</a>	JN.1.11* (Nextclade)	6 346	1 625	81.29%	77.47%	85.11%	G17334T S:V1104L
★	<a href="#">JN.1.7 (BA.2.86.1.1.7)</a>	JN.1.7* (Nextclade)	6 572	504	80.48%	77.29%	83.68%	S:T572I S:E1150D
★	<a href="#">JQ.2.1 (BA.2.86.3.2.1)</a>	BA.2.86.3* (Nextclade) + G2944A + S:R346T, S:L455S	31	1	79.69%	61.76%	97.62%	S:L455S
★	<a href="#">JN.1.30.1 (BA.2.86.1.1.30.1)</a>	JN.1.30.1*	121	14	78.77%	68.04%	89.49%	T7789C S:R346T
★	<a href="#">JN.1.23 (BA.2.86.1.1.23)</a>	JN.1.23*	175	26	78.01%	68.89%	87.12%	S:K444R S:Y453F ORF1 NSP3:P1326L
★	<a href="#">KV.2 (JN.1.4.5.2; BA.2.86.1.1.4.5.2)</a>	KV.2* (Nextclade)	815	25	77.35%	71.99%	82.70%	C11956T S:T572I ORF1a
★	<a href="#">JN.1.4.4 (BA.2.86.1.1.4.4)</a>	JN.1.4.4*	958	65	77.24%	72.00%	82.48%	S:R346T
★	<a href="#">JN.1.24.1 (BA.2.86.1.1.24.1)</a>	JN.1* (Nextclade) + S:C1243F, S:R346T	77	8	76.91%	64.42%	89.40%	S:R346T
★	<a href="#">JN.1.39.2 (BA.2.86.1.1.39.2)</a>	JN.1* (Nextclade) + G2782T, C774C, C5512C, T111C + S:R346T	29	1	76.53%	59.41%	93.65%	T111C S:R346T

★	<u>JN.1.32.1 (BA.2.86.1.1.32.1)</u>	JN.1* (Nextclade) + C23277T, C280C, G488G, A496A, C683C, C745C, C774C, T997T, C1060C, T1276T, C1288C, G1408G, G1590G, C1601C, C1612C, T1651T, C1762C, C1779C, G2155G, T2236T, A2526A, G2683G, C2695C, G2782G, A2941A, A3181A, T3127T, T3214T, G3875G, A4005A, T4138T, G4294G, C4543C, T4804T, C4921C, T4922T, A5269A, T5422T, G5558G, A6705A, C6555C, A5053A, C5184C, A6613A, C6633C, C7113C, C7423C, C7594C, C7732C, C8802C, A8845A, C9131C, C9298C, C9451C, C9565C, C9693C, C10369C, C10456C, C10726C, C10747C, C11102C, C11747C, T12244T, A13288A, C13326C, A13533A, C13620C, C13663C, C13720C, T14179T, C14267C, T14334T, T14466T, T14811T, G15226G, C15720C, G16106G, G16269G, C17012C, G17278G, G17562G, C17676C, A18093A, T18453T, G18674G, C18687C, T18738T, G18960G, C19011C, G19086G, G19132G, A19314A, A19578A, G20176G, T20874T, A21589A, C21741C, T22270T, T22669T, T22926C, T23137T, C23601C, C23896C, T24424T, C24734C, G25012G, T25171T, G25249G, A25327A, A25426A, C25566C, C25680C, G25987G, G26101G, C26499C, T26511T, G27047G, C27476C, G27948G, A28104A, G28123G, C29642C, A29700A + S:Q183H	45	2	76.07%	61.78%	90.36%	S:Q183H
★	<u>KR.1 (JN.1.1.5.1; BA.2.86.1.1.1.5.1)</u>	KR.1*	71	0	76.04%	63.90%	88.18%	C28498T S:F456L
★	<u>XDK.1</u>	XDK.1*	282	34	75.93%	67.97%	83.88%	S:R346T
★	<u>XDK.3</u>	XDK* (Nextclade) + S:F456L, ORF1a:F3397L	9	2	75.20%	49.01%	101.40%	S:F456L ORF1a:F3397L
★	<u>JN.1.9.1 (BA.2.86.1.1.9.1)</u>	JN.1.9.1* (Nextclade)	291	36	75.02%	67.56%	82.48%	S:T572I ORF1a:A3143V
★	<u>KW.1 (JN.1.28.1.1; BA.2.86.1.1.28.1.1)</u>	KW.1*	549	120	74.98%	68.71%	81.26%	S:T572I
★	<u>XDR.1</u>	XDR* (Nextclade) + G6077T, A14031G, C26801T + S:F59S	8	2	74.68%	47.32%	102.04%	G6077T A14031G C26801T S:F59S
★	<u>JQ.2 (BA.2.86.3.2)</u>	JQ.2*	54	3	73.08%	60.26%	85.90%	G2944A S:R346T
★	<u>JN.1.18.1 (BA.2.86.1.1.18.1)</u>	JN.1.18.1*	83	0	71.97%	61.48%	82.47%	S:T250N
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